OIPE

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        RAW SEQUENCE LISTING                    DATE: 04/03/2002
        PATENT APPLICATION:  US/10/008,620      TIME: 14:43:35

        Input Set : A:\GC647-2-SEQLIST.TXT
        Output Set: N:\CRF3\04032002\J008620.raw


     4 <110> APPLICANT: Rodrigues, Ana
     5        Wang, Huaming
     7 <120> TITLE OF INVENTION: Method for Generating a Library of
     8        Mutant Oligonucleotides Using the Linear Cyclic
     9        Amplification Reaction
    11 <130> FILE REFERENCE: GC647-2
    13 <140> CURRENT APPLICATION NUMBER: US 10/008,620
C-->14 <141> CURRENT FILING DATE: 2001-12-07
    16 <150> PRIOR APPLICATION NUMBER: US 09/729,520
    17 <151> PRIOR FILING DATE: 2000-12-04
    19 <160> NUMBER OF SEQ ID NOS: 11
    21 <170> SOFTWARE: FastSEQ for Windows Version 4.0
    23 <210> SEQ ID NO: 1
    24 <211> LENGTH: 33
    25 <212> TYPE: DNA
    26 <213> ORGANISM: Artificial Sequence
    28 <220> FEATURE:
    29 <223> OTHER INFORMATION: primer
    31 <221> NAME/KEY: misc_feature
    32 <222> LOCATION: (1)...(33)
    33 <223> OTHER INFORMATION: n = A,T,C or G
    35 <400> SEQUENCE: 1
W-->36 taccatgacc atgccnnstc catcaccgcc gag                          33
    38 <210> SEQ ID NO: 2
    39 <211> LENGTH: 36
    40 <212> TYPE: DNA
    41 <213> ORGANISM: Artificial Sequence
    43 <220> FEATURE:
    44 <223> OTHER INFORMATION: primer
    46 <221> NAME/KEY: misc_feature
    47 <222> LOCATION: (1)...(36)
    48 <223> OTHER INFORMATION: n = A,T,C or G
    50 <400> SEQUENCE: 2
W-->51 catgaccatg ccatgnnsnn saccgccgag aacgcc                       36
    53 <210> SEQ ID NO: 3
    54 <211> LENGTH: 39
    55 <212> TYPE: DNA
    56 <213> ORGANISM: Artificial Sequence
    58 <220> FEATURE:
    59 <223> OTHER INFORMATION: primer
    61 <221> NAME/KEY: misc_feature
    62 <222> LOCATION: (1)...(39)
    63 <223> OTHER INFORMATION: n = A,T,C or G
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PATENT APPLICATION: US/10/008,620   TIME: 14:43:35

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```
        65 <400> SEQUENCE: 3
W--> 66 caggctgccc gcatgnnsnn snnscatgac catgccatg                    39
        68 <210> SEQ ID NO: 4
        69 <211> LENGTH: 45
        70 <212> TYPE: DNA
        71 <213> ORGANISM: Artificial Sequence
        73 <220> FEATURE:
        74 <223> OTHER INFORMATION: primer
        76 <221> NAME/KEY: misc_feature
        77 <222> LOCATION: (1)...(45)
        78 <223> OTHER INFORMATION: n = A,T,C or G
        80 <400> SEQUENCE: 4
W--> 81 ggagagaaca cctctnnsnn sagcnnsnns ttgcacggct ctttc              45
        83 <210> SEQ ID NO: 5
        84 <211> LENGTH: 33
        85 <212> TYPE: DNA
        86 <213> ORGANISM: Artificial Sequence
        88 <220> FEATURE:
        89 <223> OTHER INFORMATION: primer
        91 <400> SEQUENCE: 5
        92 cagctgagtc ctccctatgc cttgtacgaa gtg                        33
        94 <210> SEQ ID NO: 6
        95 <211> LENGTH: 33
        96 <212> TYPE: DNA
        97 <213> ORGANISM: Artificial Sequence
        99 <220> FEATURE:
       100 <223> OTHER INFORMATION: primer
       102 <400> SEQUENCE: 6
       103 gccgagaacg cctacttcgg tcaggctggt gtc                        33
       105 <210> SEQ ID NO: 7
       106 <211> LENGTH: 33
       107 <212> TYPE: DNA
       108 <213> ORGANISM: Artificial Sequence
       110 <220> FEATURE:
       111 <223> OTHER INFORMATION: primer
       113 <400> SEQUENCE: 7
       114 ggtcagcctt ggcctatgct caacgtgcag ccg                        33
       116 <210> SEQ ID NO: 8
       117 <211> LENGTH: 33
       118 <212> TYPE: DNA
       119 <213> ORGANISM: Artificial Sequence
       121 <220> FEATURE:
       122 <223> OTHER INFORMATION: primer
       124 <400> SEQUENCE: 8
       125 ctcggtgttg agcctcagtt tgataacact gac                        33
       127 <210> SEQ ID NO: 9
       128 <211> LENGTH: 33
       129 <212> TYPE: DNA
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RAW SEQUENCE LISTING   DATE: 04/03/2002
PATENT APPLICATION: US/10/008,620   TIME: 14:43:35

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Output Set: N:\CRF3\04032002\J008620.raw

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132 <220> FEATURE:
133 <223> OTHER INFORMATION: primer
135 <400> SEQUENCE: 9
136 gagaaccgtc tgctcgccaa tgtgccccgc gac                    33
138 <210> SEQ ID NO: 10
139 <211> LENGTH: 33
140 <212> TYPE: DNA
141 <213> ORGANISM: Artificial Sequence
143 <220> FEATURE:
144 <223> OTHER INFORMATION: primer
146 <400> SEQUENCE: 10
147 ctggctcgtc gtgagactgt ctatgttgag gcc                    33
149 <210> SEQ ID NO: 11
150 <211> LENGTH: 33
151 <212> TYPE: DNA
152 <213> ORGANISM: Artificial Sequence
154 <220> FEATURE:
155 <223> OTHER INFORMATION: primer
157 <400> SEQUENCE: 11
158 ctcggagagt tcgaggctgg ctcgggtgac ttc                    33
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VERIFICATION SUMMARY   DATE: 04/03/2002
PATENT APPLICATION: US/10/008,620 TIME: 14:43:36

Input Set : **A:\GC647-2-SEQLIST.TXT**
Output Set: **N:\CRF3\04032002\J008620.raw**

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L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:36 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:51 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:66 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:81 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
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